

## EAST Search History

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[Default Operator]  
OR  
[Plurals]  
ON  
[Time Stamp]  
2006/10/13 13:16

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[Ref #]  
S2  
[Hits]  
1292  
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(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force))  
[DBs]  
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
[Default Operator]  
OR  
[Plurals]  
ON  
[Time Stamp]  
2006/10/14 11:23

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[Ref #]  
S3  
[Hits]  
493  
[Search Query]  
(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (hydrogen H2)  
[DBs]  
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
[Default Operator]  
OR  
[Plurals]  
ON  
[Time Stamp]  
2006/10/13 13:21

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[Ref #]  
S4  
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S3 and S1  
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[Default Operator]

OR  
[Plurals]  
ON  
[Time Stamp]  
2006/10/13 13:19

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[Ref #]  
S5  
[Hits]  
3  
[Search Query]  
(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with  
membrane))) and (capillary with (action force)) and (hydrogen H2) and  
(((non-circulat\$3) (non with circulat\$3)) with (fuel reactant feed))  
[DBs]  
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
[Default Operator]

OR  
[Plurals]  
ON  
[Time Stamp]  
2006/10/13 13:24

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[Ref #]  
S6  
[Hits]  
14  
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(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with  
membrane))) and (capillary with (action force)) and (hydrogen H2) and (((non-flow\$3)  
(non with flow\$3) (non-circulat\$3) (non with circulat\$3)) with (fuel reactant feed))  
[DBs]  
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
[Default Operator]

OR  
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2006/10/13 13:24

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[Ref #]  
S7  
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109  
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(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with  
membrane))) and (capillary with (action force)) and (pore porous wick wick\$3) and  
((hydrophilic) same (hydrophobic))  
[DBs]  
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
[Default Operator]

OR  
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[Time Stamp]  
2006/10/16 11:09

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[Ref #]  
S8

[Hits]  
1013  
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(electrolyzer same (fuel adj cell))  
[DBs]  
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
[Default Operator]  
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[Time Stamp]  
2006/10/14 12:01

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[Ref #]  
S9  
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541  
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(electrolyzer same (fuel adj cell) same (hydrogen H2))  
[DBs]  
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
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ON  
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2006/10/14 12:06

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[Ref #]  
S10  
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177  
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(electrolyzer same (fuel adj cell) same (hydrogen H2)) and (methanol CH3OH)  
[DBs]  
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
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[Time Stamp]  
2006/10/14 12:06

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[Ref #]  
S11  
[Hits]  
10  
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(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (pore porous wick wick\$3) and (((hydrophilic) same (hydrophobic)) same (pore adj size))  
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2006/10/16 11:10

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[Time Stamp]  
2006/10/16 12:00

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[Ref #]  
s13  
[Hits]  
1  
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electrolyz\$3 and (mea (membrane adj electrode adj assembly))  
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US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
[Default Operator]  
OR  
[Plurals]  
ON  
[Time Stamp]  
2006/10/16 12:20

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[Ref #]  
s14  
[Hits]  
613  
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electrolyz\$3 and (mea (membrane adj electrode adj assembly))  
[DBs]  
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[Time Stamp]  
2006/10/16 12:20

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[Ref #]  
s15  
[Hits]  
257  
[Search Query]  
electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and ((cool\$3 with (gas fuel water)) ((recover recover\$3) with (gas fuel water)) (condens\$3 with (gas fuel water)))  
[DBs]  
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
[Default Operator]  
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ON

[Time Stamp]  
2006/10/16 12:22

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[Ref #]

S16

[Hits]

162

[Search Query]

electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and ((cool\$3 with (gas fuel water)) ((recover recover\$3) with (gas fuel water)) (condens\$3 with (gas fuel water))) and (wick wick\$3 pore porous)

[DBs]

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB

[Default Operator]

OR

[Plurals]

ON

[Time Stamp]  
2006/10/16 13:06

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[Ref #]

S17

[Hits]

5

[Search Query]

electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and ((cool cool\$3 condens\$3) near2 (methanol fuel water) with (recover recover\$3))

[DBs]

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB

[Default Operator]

OR

[Plurals]

ON

[Time Stamp]  
2006/10/16 12:26

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[Ref #]

S18

[Hits]

331

[Search Query]

electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and (wick wick\$3 pore porous) and (cool\$3 (port system))

[DBs]

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB

[Default Operator]

OR

[Plurals]

ON

[Time Stamp]  
2006/10/16 13:07

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[Ref #]

S19

[Hits]

53

[Search Query]

electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and (wick wick\$3 pore

porous) and (cool\$3 near2 (port system))

[DBs]

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB

[Default Operator]

OR

[Plurals]

ON

[Time Stamp]

2006/10/16 13:19

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[Ref #]

S20

[Hits]

1

[Search Query]

electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and (wick wick\$3 pore porous) and ((spiral coil) same (stack))

[DBs]

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB

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ON

[Time Stamp]

2006/10/16 13:20

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[Ref #]

S21

[Hits]

2

[Search Query]

electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and ((spiral coil) same (stack))

[DBs]

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB

[Default Operator]

OR

[Plurals]

ON

[Time Stamp]

2006/10/16 13:21

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[Ref #]

S22

[Hits]

23

[Search Query]

electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and ((spiral coil circular) same (stack))

[DBs]

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[Default Operator]

OR

[Plurals]

ON

[Time Stamp]

2006/10/16 13:25

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[Ref #]

s23

[Hits]

14

[Search Query]

((fuel adj cell) electrolyz\$3) and (mea (membrane adj electrode adj assembly)) and  
((spiral coil circular) same (stack) same geometry)

[DBs]

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB

[Default Operator]

OR

[Plurals]

ON

[Time Stamp]

2006/10/16 13:43

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[Ref #]

s24

[Hits]

82

[Search Query]

fuel adj cell with stack with geometry

[DBs]

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[Default Operator]

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ON

[Time Stamp]

2006/10/16 13:29

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s25

[Hits]

1

[Search Query]

(fuel adj cell with stack with geometry) same spiral

[DBs]

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB

[Default Operator]

OR

[Plurals]

ON

[Time Stamp]

2006/10/16 13:31

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[Ref #]

s26

[Hits]

12

[Search Query]

(fuel adj cell with stack with geometry) same (spiral roll circular coil)

[DBs]

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[Default Operator]

OR

[Plurals]

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[Time Stamp]

2006/10/16 13:31

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2006/10/17 10:50  
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[Ref #]  
S28  
[Hits]  
40  
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H01M008\$8 and methanol and ((carbon adj dioxide) near4 channel)  
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2007/07/04 10:47  
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7/6/2007 3:35:13 PM  
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